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Knothole

SUNY College of Environmental Science and Forestry

October 26, 1994

Volume 47 Number 7

The Bob Marshall Club's Return to Wanakena Fall Break Outing

by Libby Bella

Despite the overhanging gloom of mid-semester academia, eighteen members of the Bob Marshall Club were able to shed the various burdens of labs, hard-hats, exams, papers and classes to enjoy Fall Break in the northwestern Adirondack Park. Travel commenced in the crisp, clear early morning hours of October fourteenth by driving up to the New York State Ranger

gram Secretary, and Mr. Dick Miller, Program Director at the Ranger School.

Unfortunately, amongst the club ranks only two paddles could be found, courtesy of Jona, which led to moments of anxiety, frantic phone calling, and a discarded attempt to rent paddles. A big thank you goes out to all the generous

School in Wanakena, New York. After a brief stop at Dave's store, the adventurers were ready to set out on foot or by canoe to their ultimate destination of Janack's Landing. Five canoes had been secured for club use through the efforts of our president, Dan Hayes, and help of Mrs. Kathie Nevil, Pro-

Ranger School students who leapt to our rescue by lending their personal canoe paddles for our use; it was much appreciated because not only could we bring all that canned food along but we

Bob continues pg. 9

Jack Manno Receives Chancellor's Award For Excellence

The Chancellor's Award For Excellence honors those members of the SUNY system who, according to Interim Chancellor Joseph C. Burke, display performance excellence "both within and beyond their position" and serve as "role models for a University system in pursuit of excellence." This year, one of the recipients of this prestigious award was the Associate Director of the Great Lakes Research Consortium, ESF's Jack P. Manno.

The Great Lakes Research Consortium (GLRC) is an umbrella organization of thirty universities that are engaged in research on the Great Lakes and their tributaries. Jack Manno has been involved with the GLRC since 1986 and was appointed associate director in 1988. He is also an associate editor of the Journal of Great Lakes Research, an advisor to the US Department of Health and Human Services, and an advisor to Health & Welfare,

Manno continues pg. 13



Policy/Deadlines

The Knothole is the student publication of the State University of New York College of Environmental Science and Forestry. It is published every Wednesday during the school year. **The deadline for submitting pieces for publication is WEDNESDAY at 4:00 pm on the week before they are to appear. On disk or by e-mail, the deadline is THURSDAY at 12 noon.** E-mail submissions may be sent to KNOTHOLE@MAILBOX.SYR.EDU. Letters to the Editor will not be printed unless they are signed. Articles must also contain the writer's name (names will be withheld upon request). The opinions expressed are those of the writer only and do not necessarily reflect the opinions of the paper's staff or anyone else affiliated with the College. We strongly encourage any interviews, articles, notices, suggestions, and new staff members. The Knothole staff meets in Room 22 in the basement of Bray, Wednesdays at 6:30. Phone: 470-6892.

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Managing Editor:	Heather Engelman
Layout:	Rob Feissner Russell Martin
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Artwork:	Russell Martin Chris Grom
Contests:	???????
Distribution:	Alicia Kelley
Printer:	Steve Darrow
Advisor:	Patrick Lawler

Commentary

Election Debate Scandal

Dear Editors:

A funny thing happened on the way to the forum (SGA debate) at the Maxwell School: some candidates, like Congressman Walsh, balked at debating; and Adelphia and NewChannels cable TV resisted televising the taped debates on the Community Channel (Channel 13). Here are the facts from this civics lesson about student empowerment.

Students learn not only in class but also from extra-circular activities. Thus, I proposed to the President of the Student Government Association (at SU), that SGA resurrect the debates and voter projects that were organized in 1982-84. From 1985 to 1993, the County Elections Board had in practice banned local student voting registration after the large student vote that made possible an upset victory — by only 238 votes — to Nancy Larraine Hoffman for Senator.

SGA agreed to sponsor the debates on Mondays, before the Student Assembly Meetings. Invitations were sent to candidates and Adelphia and NewChannels was invited to participate, as a public service, by televising the taped debates. Then some candidates complained, to both SGA and SU University administrators. The ethical and professional approach would have been for the candidates to request alternate dates for the debates, and for Adelphia to send a written response.

Everyone knows that incumbents are reluctant to debate and give opponents publicity. Upon receiving a negative response from Mr. Walsh, SGA publicly invited him to debate on any Monday Night. After receiving this proposal he stalled and never responded. What is undervalued in this "Debategate" was that SGA was performing a public service for the Deans of Maxwell School of Citizenship and Public Affairs and the Newhouse School of Communication, who perhaps are secretly pleased that their students within SGA, UUTV, and the Daily Orange have learned their lessons well about politics and the media.

Sincerely,

Austin Paulnack -Common Cause Volunteer
Coordinator for the Accountability Project
Box 8002
Syracuse, 13217

Around Campus

NAEP To Sponsor a Speaker From Niagara Mohawk

As you may be aware Niagara Mohawk Power Corporation *employs many ESF graduates*. NYMO is a utility company with approximately 9,000 employees, most of whom work in Central New York as well as in their Albany, Watertown and Oswego locations.

The National Association of Environmental Professionals would like to bring to you **Raymond Cummings, Supervisor, Environmental Licensing and Planning in the Environmental Affairs Department**. Ray has been with Niagara Mohawk for more than 20 years. He will be sharing with us information about the many departments that hire ESF graduates (e.g. Engineering, Research & Development, Public Affairs, Environmental Affairs and many more). Ray also **hires many ESF graduates and interns** within his department.

If you will be graduating soon and/or would like to know more about this company, please attend this lecture which will be followed by a question and answer period.

DATE: Tuesday, November 1, 1994
TIME: 6:45 - 7:45 PM
PLACE: Nifkin Lounge

Food and beverage will be provided



The Gardens of Fletcher Steele

The Mollet Club and the Faculty of Landscape Architecture are hosting an exhibit and lecture on "The Gardens of Fletcher Steele."

The lecture will be held on Nov. 3 at 8:00 pm in the Marshall Auditorium with a reception to follow on the Third floor.

The exhibit will run from 9:00 am - 6:00 pm (or by appointment) in Marshall 409 starting Oct 24 through Nov 16.

Quote of the Week:

"The only piece of scientific truth about which I feel totally confident is that we are profoundly ignorant about nature."

- Lewis Thomas

Coffee Haus

Hosted by Alpha Xi Sigma
ESF's Honor Society

Literature
Poetry
Acoustic Music

Free food and drink will be served.

8:00 pm
Thursday, Nov. 10

Nifkin Lounge

December Soirée

USA will be sponsoring a December Soirée at the Liverpool Sheraton on December 9, 1994. Cocktails will start at 6:00 PM and dinner will begin at 7:00 PM. Dancing will run from 9:00 PM to 1:00 AM. Dinner choices for this Soirée will be Turkey or Vegetarian, with prices ranging from \$10 for an ESF student to \$20 for faculty, staff and nonstudents. You must show ESF ID at the door. Transportation from ESF to the Liverpool Sheraton will be provided free of charge. No tickets will be sold at the door, so stay tuned to the next edition of the Knot-hole for when and where tickets will be sold.

Wilford A. Dence Memorial Lecture

"Beauty and Biodiversity in the Amazon"

Michael Goulding
Senior Scientist, The Rainforest Alliance, NY

&
Presentation of Dence Fellowship Award to:

Elizabeth Balko
Environ. and Forest Biology PhD Candidate

4:00 pm
October 27
5 Illick Hall
Reception to Follow

Spotlight

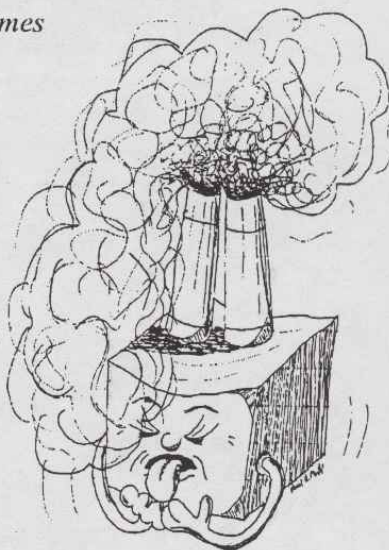
On the Back Burner

The incinerator falls on tough times

by Shandor Szalay

In the late 1970's when many cities were looking for new and innovative ways to dispose of their trash, the incinerator seemed like a messiah. Considered an environmentally friendly, safe and economical alternative to messy landfilling practices, more than 100 cities hopped on the new idea and began burning their trash to produce electricity. Today, as many cities throughout the nation consider closing their incinerators in favor of a more traditional trash disposal system, the whole idea seems to be going up in smoke.

The argument against incinerators most often heard is that air pollution produced poses a threat to human health. However, it appears that the current trend away from trash to electricity projects has more to do with the green of the dollar, than the green of the environmentalists. Legal battles and safety issues have skyrocketed the cost of burning trash to produce electricity while at the same time low petroleum prices have made landfilling a cheap and alluring alternative. Michael Long, the executive director of the Solid waste Authority of Central Ohio says of his current incinerator woes "Environmental controls are pushing our costs up. Energy prices haven't moved. We've been hit this year by two Supreme Court decisions that went against the industry. Meanwhile, landfill costs have gone down." As many urban areas in the US struggle to prosper financially, the trouble-laden



incinerator may simply be an option that cities can no longer afford.

Since 1991, 77 communities have canceled plans to build "trash to stream facilities," according to Governmental Advisory Associates, a research firm based in New York City. Currently only three new incinerators are under construction, with one plant in Windham, Conn. already closing its doors this year. Scott Mackin, president of Ogden Projects Inc. in Fairfield, NJ, the nation's leading builder of incinerator type project concedes "Everybody agrees the market is dormant. The question is how long this market will remain dormant." The plant has just one new order this year, a record low.

In the 1980's, waste-energy project were stimulated by strong EPA support, and then new regulations which forced thousands of landfills and

area dumps to close because of reported threats to groundwater safety. As fears of running out of dumping space escalated, municipalities searched for a way out. Conventional incineration, which accounted for up to 31% of trash disposal in the early 1960's had largely closed due to heavy air pollution. Its successor, the modern waste-energy facility, coupling cleaner burning with the environmental and economical perk of energy-production, appeared a miraculous cure all for urban trash woes.

Now, under the Clinton Administration, the EPA seems to have changed its mind. For example, in early September, the agency proposed new regulations to control dioxin and other air contaminants from incinerators. This increases the costs of an already overpriced industry. "My priority is safety first," said Carol M. Brewer, the EPA Administrator, "If the effect of putting tough standards changes the market dynamics, then that's appropriate." Many facilities are faced with having to upgrade their systems, a process that will cost up to \$30 million in addition to increased operating costs.

It remains to be seen what the future of urban trash management will be. As incinerators coast past their glittery youth into a grim and trouble-laden middle age, landfill practices, while currently inexpensive, are hardly long term solutions. As trash continues to be a major problem in large cities, environmental implications and economic hurdles prevent the implementation of a safe, cheap, and ecologically sound disposal system. Wyatt Kingseed, Columbus Ohio's financial director puts the problem in perspective "Anyway you look at it, there just are no attractive solutions." ▲

Club News

Wildlife Society News

by Michael J. Begier - President

TWS, what club is this? (The Wildlife Society, publisher of The Journal of Wildlife Management, etc.) You may be wondering why this is our first submission to the Knothole this semester. Well.....we have one very important piece of news to let the campus in on. The 1994 Northeast Section Student Conclave hosted by our student chapter at the AEC (Adirondack Ecological Center), Huntington Wildlife Forest (Oct. 14-16) was a total success.

Let me explain, as you may or may not know TWS has delineated the country into geographic regions and termed them sections. We are in the Northeast section. Within each state, in this section, resides a major university that supports a wildlife program. Most of these universities have student chapters of TWS. Each year one of these chapters finds themselves with the honor (and I mean this literally) of

TWS continues pg. 10

Kappa Phi Delta Gamma Delta Theta

by Cherry

What can I say? As the semester wears on, I think more about life and what it means. Is my life fulfilling all of my physical, emotional, and psychological needs? I don't know. Any way, down on the park, life is very fulfilling for the brothers. Some weeks ago we held our annual alumni pig roast. The function attracted alumni from as far back as 1963. Greg headed up the catering and some of the entertainment in fantastic fashion. In addition to our pig roast, we've managed to keep busy with other activities. Todd is doing a bang-up job showing the pledges the ropes.

I'm beginning to sink into a pen-sive zone, so allow me to take up some of your time with my ramblings. We hear all the time about how we should enjoy and appreciate our college years because life will be so much different when we're out. I'm beginning to think that advice has some serious problems. Both college and the working world have their plusses and minuses. I believe that the plusses and minuses aren't very comparable because they fall into different categories. Well, I'm running out of space, but I will continue next week. Until then, enjoy!

Gamma Delta Theta is an environmental as well as social sorority. This means that we not only like to get together and socialize, but also work together to promote environmental awareness and action. One way of doing this is through our "philanthropy," an organization that we support and assist in its campus activities. Gamma Delta Theta's philanthropy is the National Audubon Society, and we would like to share with you it's ideologies in the hope that this organization becomes as important to you as it is to us.

The National Audubon Society Philosophy:

- We believe in the wisdom of nature's design.
- We know that soil, water, plants and wild creatures depend on each other and are vital to human life.
- We recognize that each living thing links to many others in the chain of nature.
- We believe that persistent research into the intricate patterns of outdoor life will help to assure wise use of the earth's abundance.
- We condemn no wild creature and work to assure that no living species shall be lost.
- We believe that every generation should be able to experience spiritual and physical refreshment in places where primitive nature is undisturbed. So we will be vigilant to protect wilderness areas, refuges, and parks, and to encourage good use of nature's storehouse of resources.
- We dedicate ourselves to the pleasant task of opening the eyes of the young and old that all may come to enjoy the beauty of the outdoor world, and to share in conserving its wonders forever.

Clubs and Organizations

USA is holding a Club Night
5:30 pm
Monday Oct. 24
Nifkin Lounge

We would like to hear how things are going, what is going on, and how we can help.

A broader perspective

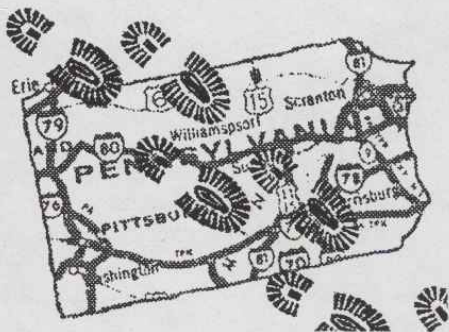
The Off-Campus Page

Ecotourism.... Rural Pennsylvania

Pennsylvania has a great deal to offer ecotourists. The Pocono Mountains were designated by the Nature Conservancy as one of the "last 40 great places on earth." and include such attractions as the Tannersville Cranberry Bog, a prime example of a boreal bog, and a National Natural Landmark. Nearby Long Pond has the state's largest concentration of globally threatened species, including the the largest mesic scrub oak and pitch pine barrens.

Birdwatchers can delight in the Hawk Mountain Sanctuary in Schuylkill County, where the unusual

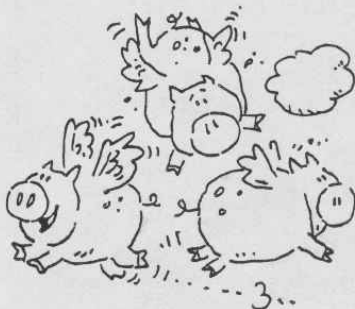
landscape and air currents attract thousands of eagles, hawks, and other raptors. Pennsylvania's bluebird population is also recovering, and observation trails have been installed at various state parks.



Northern Pennsylvania is home to one of only two free roaming elk herds east of the Mississippi. For anglers, there are a number of catch and release programs throughout the state, such as the nationally renowned Spring Creek. For more information about rural Pennsylvania, write to.

Rural Pennsylvania Box 2150
Warrendale, PA 15086

In an attempt to capitalize on their marketable talents, fully aware of the hazards of media coverage, the three flying pigs head to Walter's Airfield to participate in a one of a kind airshow, the only one in the nation with a "flying farm animals" division.



Know Your Birds?

Beaver Lake Nature Center will be holding "Beaver Lake in Depth: Waterfowl Identification," a workshop teaching identification of waterfowl up close and at a distance using identifying markings and characteristics. Natural history of migrating waterfowl will also be discussed. The workshop takes place at the nature center on October 27, from 9:00 am to 1:00 pm. Pre-registration is required. Call 638-2519 for more information.

Share the Earth

Earth Bound Co-op Community is meeting community challenges in rehabilitated urban areas by offering cooperative spaces in a building at 914 Salina Street. Earth Bound hopes to



apply the concepts of co-housing to this neighborhood, to eventually build a cooperative community. They realize the problems inherent in urban rehabilitation, but feel that these problems are the reasons why urban areas need alternative housing solutions. The coop is offering two apartments, with the cost for financing and housing payable on a monthly basis. For more information, contact James or Margaret at (315) 422-4201.

EnvironmentEnvironmentEnvironmentEnvironment

Nation

Nobel Prize Honors Go to Americans

Two Americans were awarded the Nobel Prize in medicine last Monday. The \$954,000 award will be shared by Alfred G. Gilman, 53, a pharmacologist at the University of Texas Southwestern Medical Center in Dallas, and Martin Rodbell, 68, a biochemist who retired last summer from the National Institute of Environmental Health Sciences in Research triangle Park, NC. The winning advance stemmed from research done primarily in the 1960's and 70's of a key molecular mechanism which helps cells respond to signals coming from inside the body, as well as from the world around it.

Cempre

BRAZIL—Urban scavenging in Brazil has gradually evolved from a lowly means of subsistence to a reasonably respected occupation, due largely to the efforts of a non-profit organization: Cempre. The organization was created during Earth Summit 1992, and consists of multinationals and Brazilian corporations. In conjunction with a national commercial apprenticeship program, Cempre has developed a course to train these front line recyclers in business practices and cooperative organization. The co-ops have increased the effectiveness of recycling in urban areas by providing workers with facilities and equipment, while providing them the means for greatly improving their quality of life.

President Announces Funding To Feed And Shelter Homeless

White House- October 14. The President today announced that \$130 million in federal funds have been made available to local organizations to feed and shelter America's homeless in 1995. The

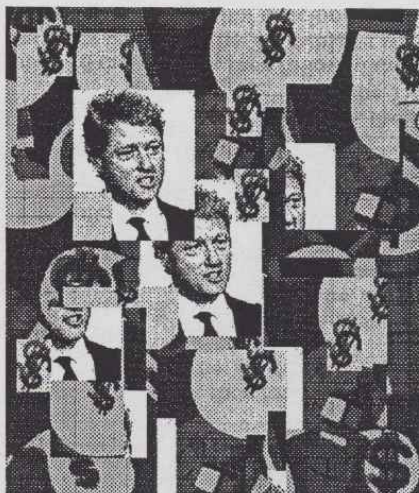
funds will be distributed by the Emergency Food and Shelter (EFS) Program's National Board, a public/private partnership chaired by the Federal Emergency Management Agency (FEMA). The funds are appropriated by Congress and will reach more than 10,000 non-profit and local government agencies in every state.

This is the twelfth year that Congress has appropriated funds for people with non-disaster emergency needs. FEMA chairs a national board composed of representatives from major charitable organizations like the American Red Cross, Catholic Charities USA, the Council of Jewish Federations, National Council of Churches, the Salvation Army, and the United Way of America. Each year's

distribution plan is based on unemployment and poverty rates.

Grassroots involvement has been a hallmark of the EFS program. Final distribution of funds is done at the local level. Each

jurisdiction receiving federal money has a local board whose composition mirrors that of the national board. These local boards advertise the availability of funds, establish local priorities, select the agencies to receive EFS funding, and monitor program compliance.



Since its inception in 1983, the program has disbursed \$1.272 billion to feed and shelter the homeless.

Recycle, Reuse

CORVALLIS, OR — The proposed construction of a 2.2 megawatt diesel electric generation facility which will be fueled by methane gas collected from an adjacent landfill has passed environmental muster, according to the USDA Rural Electrification Administration. The Coffin Butte Resource Project was designed by the Pacific Northwest Generating Cooperative and will initially consist of three 850 kW diesel electric generators modified to burn landfill gas, with plans for future expansion.

THE EIGHTH PAGE

At last, comics and poetry, together

The Termination of Species

Compromise,
Moderation with dissent...
I once sought that revered middle
ground
once sailed the
tepid seas of dispassion
Found it was my own
Sargasso
seductive tendrils of temperance
stalled my progress
sought the dark places in my soul
wrapping themselves tight 'round
fouled motivation
I
stalled the progress
of Earth's reinhabitation
added my bulk
to the inertia of middle America

Tolerance is not the way
no, not the way

To abate the green
is no way
to avert its terrible
denouncement.
To acquiesce in the death spiral
skating the thinnest ice
will yield no moral
relieve
To turn the head to the path
of least resistance
will only name me
accomplice.

- Farmer

Weight

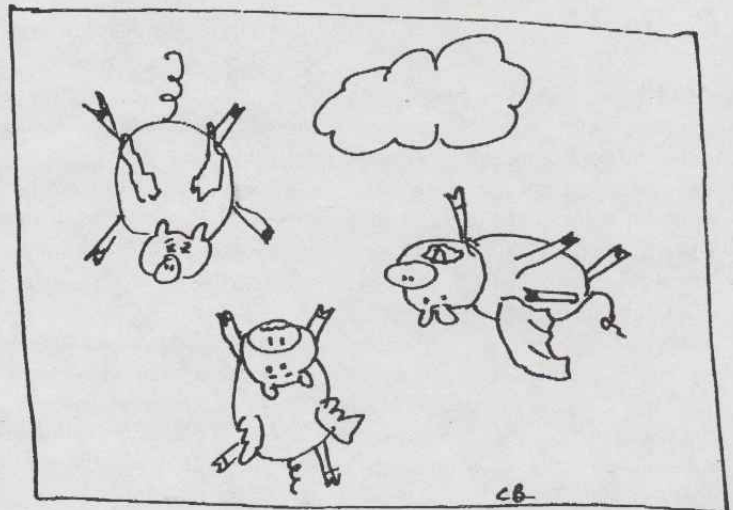
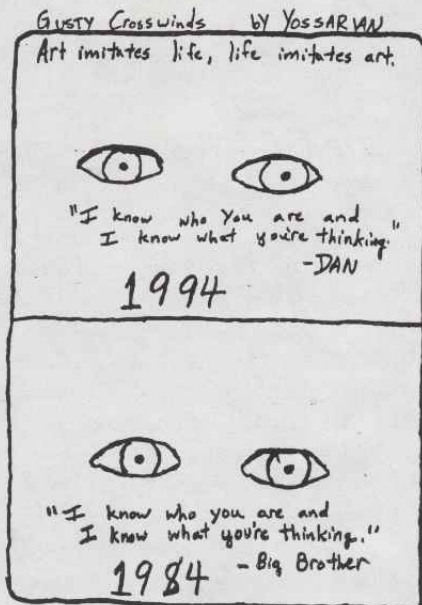
Once cut
we bleed forever
Flowing forth to feed the angry fires
of anger, of betrayal, of loss
Cherish cold memories of pain
Heirlooms from our bruised past
To sit alone in the night and caress old
scars

We clutch pain closer even than pleasure
Let our damage define us, make us real
Give our wounds the fault
of our collapsed dreams&our weak-
nesses
Choosing failure, encumbered by our
awkward baggage

But the past does not exist, is no thing
to weigh upon hearts&minds
Does not have even the future's
tenuous ghost-hold upon reality
Every second is bright&new now
itself without memory
If a butterfly flew past your nose
you would miss the finest thing
In the world

The joy of the present

- Ron Salkin



Altho Vegan, the pigs were still highly
susceptible to lead shot and plummeted
earthward after being mistaken for a
flock of ducks.


Bob from pg. 1

could also row serenely across the placid cold waters of the Oswegatchie River onto Dead Creek Flow.

Ten members proceeded by canoe and eight by foot to our base camp, arriving at about one to one-thirty. For the next two days, small groups hit the trails or the waterways to desired destinations in the area. Ranger School Alumnus as well as newcomers to the area reveled in the outstanding weather and enjoyed a late fall backdrop, including expansive views off Cat Mountain, the sublime thrill of High Falls, the majesty of old growth pine and hemlock in the Five Ponds Wilderness Area, and the placid vistas along the Flow by canoe.

By nightfall all were tired and relaxed by the light of a small inferno while roasting marshmallows on a stick. Most were bundled up against the nearly freezing night temperatures, but even the cold didn't prevent some daring souls from taking to the water for some moonlit canoe stargazing.

By Sunday morning everyone had begun to smell, and classes would resume the next day so the cleanup and trek back to civilization began. A different group had the opportunity to canoe back with side trips to the Big Pine and bog and an unplanned excursion onto Cranberry Lake. Fortunately, everyone made it back alive to the Ranger School to depart for Syracuse. Although no "spooning" took place, Lien almost lost some extremities to frostbite, Walter almost tipped the canoe, and the fire took a good half hour for Richard and Mike to put out. A good time was had by all. ▲



Inn Complete
EST. 1987

Tuesday's
15¢
WINGS

THE Graduate Student Club!

ESF Grad Students pay \$1 at the door without membership. A one Year membership is \$15

Pictures in the Desert

Bob Mahoney, a Syracuse resident, Newhouse school graduate, and freelance photographer, will be displaying his latest collection of photographic works, "A Sense of Values" American Marines in an Uncertain World. The collection will be displayed at the Light Work Gallery, 316 Waverly Ave., from October 3-November 13.

The photographs chronicle the actions of the US. Marine Expeditionary Unit through their intensive training in Camp Lejeune, NC, their deploy-

ment to Somalia, their liberty in the South of France, and their eventual homecoming to North Carolina. The photographs provide a "behind the scenes" look at the entire operation, depicting the complex situations and uncertain atmosphere which permeate throughout.

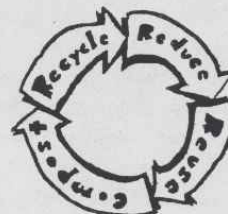
A reception for the artist will be held at the gallery on Thursday October 27, from 5-7 PM. For more information on the event please contact Gary Hesse at 443-2450.

Composting Reminder

by Mike Spada and Katie Scholl

The recycling club has just begun its green composting program (with worms) and we would like your help. We have placed 5 gallon white bins in the food gallery and near the doors in Nifkin lounge, located in the basement of Marshall, for you to deposit excess food materials in them. The recycling club takes these buckets up to old ESF greenhouse, located up on the hill across from Bray, to be green composted daily. Your help is vital in making the green composting a success by following these important guidelines:

- 1.) Put all food materials in the white compost bins including bread, fruit, vegetables, cheese, soup and meats.
- 2.) Please put all paper, metal, glass, packaging and beverages in appropriate bins, not the white compost bins.



Only by following these basic guidelines will green composting be a success. If you would like to find out more about green composting, have ideas about composting, or anything else related to recycling come to our meetings: **Wednesdays @ 5:00pm in Illick 241.** The recycling club thanks you for your help and cooperation.

Guideline Criteria for Successful Late Drops

- A petition must exhibit a clear and significant mitigating or extenuating circumstance outside of "normal" and predictable distractions from college coursework, etc. Example might include illness, injury, death in the immediate family, financial emergency, and others.

- The mitigating or extenuating circumstance must occur after or extend beyond the college designated "drop deadline."

- The mitigating or extenuating circumstance is clearly the result of actions outside the control of the student, i.e. not self inflicted hardship. Similarly, if the student is innocently a victim of poor advising or administrative mishandling, justifiable ground for the petition may be found.

The clear message contained in these criteria should be "late drops are only justifiable under exceptional conditions." The drop deadline placed by the college (ESF, not SU - it differs in intent and date) is exactly that - normal drops are not accepted after that deadline. At the risk of offending anyone, one of the strategies I find most useful is to see what isn't appropriate as well as knowing what is. The address this idea, I've listed the following "typical" examples of petition justifications which would **not** be accepted:

- student missed the "drop deadline" by accident
- student coursework load is too heavy
- student is failing the course
- student has missed too many courses or has fallen too far behind
- student has changed major and the course isn't required in the new major
- student intends to retake the course later or at another college
- student gambles unsuccessfully in taking an exam or attempting a project on or after the drop deadline

Two other points are of noteworthy consideration; first, a late change to "audit" a course is considered equivalent to dropping, and all the above criteria apply; second, a petition is not approved until final review by the Dean of Instruction and the Subcommittee on Academic standards. Students petitioning for late drops should **continue to attend class until they receive final notification of the subcommittee's action.** Even if your advisor and instructor approve the petition, it is not a done deal.

Open Forum

Non-traditional

Students

If you are an undergraduate 24 years of age or older, you are considered a non-traditional student. *Non-traditional students make up 1/3 of our student body.* This means that non-traditional students contribute \$32,000 to the budget of the Undergraduate Student Association! USA wants to be sure we are programming effectively to include your interests and to address your needs. To evaluate this, the USA would like to invite non-traditional students to an Open Forum to **hear your ideas** and to receive feedback on current **programming**. We will be discussing the following topics and *welcome other topics which may be of concern to you:*

- Are USA events of interest to you? If not, why? If they are of interest, are they held on days and times you can attend?
- What are your ideas on programming/events?
- Would your significant other be interested in attending events? If yes, would you be willing to pay an additional activity fee?

WHEN: Tuesday, November 1, 1994
TIME: 11:30 am -12:30 pm
PLACE: Nifkin Lounge

Your ideas and comments will be brought back to USA and shared with its members to evaluate what ideas/changes can be implemented.

If you are unable to attend the meeting and would like to share your ideas/thoughts, please put a note in the USA mailbox (#22) in the basement of Bray. Please include your name and phone number on your note.

Lazy-boy Legislators

A grid-locked congress fails to move on important legislation

The 103rd congress is now hissing, mining, and off-road driving to tory, but their legacy of not moving on continue in areas where they are presently allowed. This bill is hailed as being the most significant piece of environmental legislation since the Alaska Parks Act of 1990.

The Superfund Reform Act: The twenty-eighth and final filibuster of the 103d Congress, initialized by Republican Senator Malcolm Wallop (WY) in opposition to the California Wildlife bill, was ended by margin of one vote. NYS senator Al D'Amato voted against ending the debate on the California desert, the other NYS Senator Patrick Moynihan voted in favor of ending the debate.

Reform of 1872 Mining Law: for the first time in 122 years, the mining industry would have been required to pay fees for the privilege of mining of hard-rock minerals such as copper and gold on Federal lands.

An increase in grazing fees and other measures to protect Federal range lands killed by filibuster.

The Clean Water Act: which defines and implements national water quality standards, was up for review but not acted on.

Drinking Water Purity a revision of Federal standards established for the purity of drinking water that would have provided states and cities with 1.3 billion in Federal aid for drinking water purification.

One bill which did survive, in a compromised form, was the California Wildlife Bill. This bill was originally intended to designate 7.5 million acres in California as wilderness, and to expand two national parks. The surviving version extends Federal protections to 6 million acres of California desert, but will permit grazing, hunt-

Eating in Season

brought to you by SEAC

Here is a recipe that utilizes foods that are in season NOW! Try them soon. You can find the ingredients at the Syracuse Real Food Cooperative located at 618 Kensington Rd. (472-1385)

Simple Squash Sauté
 1 large butternut squash
 1 medium onion, chopped
 1-2 Tbsp vegetable oil
 1-2 Tbsp tamari

1. Split squash in half lengthwise and remove the seeds and pulp.
2. Bake flesh side down in a 375° oven until tender.
3. Scoop flesh out of skin and set aside.
4. Sauté onion in oil until soft and translucent.
5. Add the squash and tamari.
6. Cook through.

cook's note: If you bake the squash a day or two ahead of time, this recipe is quite quick.

ESF Career Panel Discussion

The National Association of Environmental Professionals (NAEP) would like to invite you to an open discussion with an Alumni Panel. Below is a list of the ESF alumni who will be attending the Alumni Panel and the company they work for.

Env. Products and Services

Tracy Derrenbacher - ES
Gregg Dillingham - ES

Niagara Mohawk

Gary Schoonmaker - LA

Blasland Bouck & Lee

Ron Kuhn - ES
Tim Osier - ES

Galson Corporation

will be sending 2 employees

By attending the Alumni Panel you will learn more about these companies and establish a network of contacts. These companies **employ many ESF graduates** so don't miss this easy opportunity to introduce yourself to them.

DATE: Thursday, October 27, 1994

TIME 6:00 PM - when your questions are all answered!

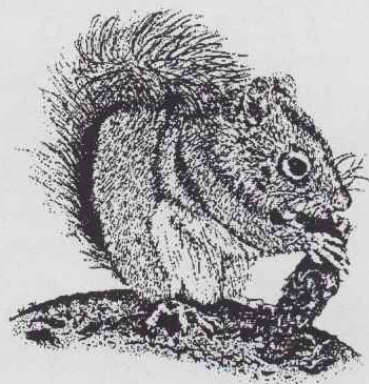
PLACE: Nifkin Lounge

Food and beverage

TWS from pg. 5

hosting the student conclave. We at ESF have not had this opportunity since 1988 and welcomed it this year. The conclave, simply put is a mini-conference for the student chapters. Events range from the traditional banquet with a keynote address to a social mixer that allows students to make contacts and relax a bit. A major portion of the conclave though is the showcasing of the school and program. On Saturday, we had a series of field trips designed to highlight the Adirondack ecosystem and Huntington Forest property with an emphasis on current research. There is also a quiz bowl in which the visiting schools field teams to gain bragging rights as winner.

With this simple framework in mind, here is the breakdown of the weekend. Visitors from the Universities at Maine, New Hampshire, Vermont, Cornell, Rhode Island and Penn State attended. Combined they brought approximately 70 people. Rutgers and West Virginia did not attend this year. The ESF chapter brought about 25 people. The weather was great and the visiting schools were amazed with our facilities and the Adirondacks as a whole. It was suggested that the AEC serve as the permanent site for the conclave. Penn State won the quiz bowl in a heated final against Cornell. The banquet was held at the Newcomb High school (many thanks) and our keynote speaker was Gerry Barnhart, Assistant Director of Fish and Wildlife Division, NYSDEC. Gerry gave a very personable talk focusing on the demands of the profession and its future. We ended Saturday evening with a social on the shores of Rich Lake, treated to the sounds of Adirondack folk singer Peggy Eyres. Sunday dawned with a hearty break-



fast and with all visiting schools leaving and returning home safely. We had a magnificent time.

I have probably expended my space for more words here but I would like to take this opportunity to thank all involved at ESF who made this conclave possible. Forgive me for not mentioning all the names: Dr. Porter, Director of the AEC, the entire AEC staff headed by Dick Sage, our advisor Dr. Chambers and the quiz bowl judges Drs. Chambers, Porter, VanDruff and Ketchledge who gave unselfishly of their time. Lastly I must give the most thanks to our student chapter officers and members, without your commitment to this event it would simply not have run like the well-oiled machine that it was. We experienced no shortfalls, hitches etc. and this was due to your work and yours alone, thanks!!!!

A special note from Eustace B. Nifkin:

Professor Emeritus, Dr. Harrison Payne, will soon be celebrating his 50th wedding anniversary with his wonderful bride. Congratulations!!!!

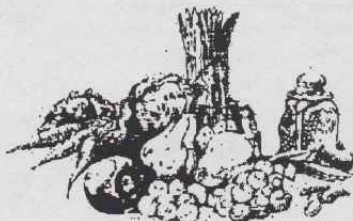
More Good News About Good Food

by Danielle Vervier

Fall is the most colorful time of the year at the Central New York regional Farmers' Market located on Hiawatha Boulevard. The market is open to the general public on Saturdays, year-round, from 7 am until 2 pm. Upon entering the pavilion, I was struck by the abundance and variety of goods and the very reasonable prices at which they were offered. Every type of fall-harvested produce imaginable is available for purchase; tomatoes, potatoes, Brussel sprouts, cabbage, broccoli, cauliflower, green peppers, jalepeño peppers, several varieties of apples, grapes, pears, celery, lettuce, squash, turnips, and, of course, pumpkins. One vendor offered locally produced cheeses, cider, eggs, and maple syrup. The Mennonite Community was also represented, selling delicious pies, dumplings, and bread. Besides the phenomenal variety of fresh produce, vendors also offered crafts, fresh cut flowers, and potted plants.

Shopping at the Farmers' Market is a way that you can support the local economy. Agriculture is an essential part of New York State's economy and society. Not only do our state's 38,000 farms provide us with a wide variety of high quality farm products, they support tens of thousands of farm and city jobs and help preserve the beauty of our state's rural landscape for residents and tourists. By buying your produce from local markets, you support New York's economy and help keep the family farm going.

Besides the large Regional Farmers' Market, New York also has hun-



dreds of roadside farm markets. One way to find out more about the offerings of farms is in the "New York State Guide to Farm Fresh Food." The guide contains information about roadside farm markets, "pick-your-own" farms, community farmers' markets, farm wineries, and other farm outlets. The farms are listed alphabetically by county. Each listing gives the farmer's name, location, travel directions, telephone number, period of operation, fruits, vegetables, and other products available for sale, and information on farm tours, events, and other "agri-tourism" attractions. The guide also shows special designation for farms whose products are grown organically. To obtain a copy of the "NYS Guide to Farm Fresh Produce," write the Department of Agriculture and Markets at the Art and Home Building, Syracuse, NY 13209 or call (315) 487-1063.

Manno from pg. 1

Canada's Great Lakes Health Effects Program. He also wrote a portion of the book, *Environmental Non-Governmental Organizations in World Politics*.

Mr. Manno received his certificate and medallion at the Fall Honors Convocation on October 6. In his Convocation Address, he applied to ESF the three questions that he asks when he evaluates aspects of his life: "What do I appreciate?" "What gets hard?" "What would it be like if it was exactly the way I wanted it to be?" He emphasized his appreciation of many members of the ESF community, and expressed his wish that ESF fully become "a community of scholars, practitioners and support staff dedicated, passionately committed to developing a profound understanding of the land, water, air and life which make up our home, this patch of Creation bequeathed to us by time."

The staff of the *Knothole* would like to extend its congratulations to Jack Manno.

Construction Progress

by Chris Button

Do you hear it? The rumbling of iron tracks across the ground! The feel of the shaking and the smell of fresh earth and diesel fuel. The influx of job trailers and workers. It's construction and that's what the Construction Managers in Baker know best. I can see the schedules fly, the concrete and steel...I think there's a shiver running up my spine!

If anyone has any questions about the construction...ask us. In fact, I have an office in 421 Baker and would be glad to explain any aspect of the project that I can. Though I can't alleviate any problems, I'll listen for a little while... Since environmental issues in construction is my degree focus, I'd also love to hear those concerns.

Recycling Club Tours Incinerator

by Andrew Orgonik

On October 5, the Recycling Club took a guided tour of the new incinerator being built in Jamesville. The incinerator will be run under OCRRA (The Onondaga County Resource Recovery Agency), and as claimed by the agency, it is just part of an integrative waste management program that also includes aggressive recycling, composting, and hazardous waste disposal. The tour was very informative, and gave our group a good grasp of how this particular incinerator will work, and how it will affect our local environment.

The incinerator is a "waste-to-energy facility", meaning that the heat produced from the burning of municipal waste is converted to electricity. The process is complicated, but can be summarized as follows. Garbage trucks come to the plant, get weighed in, and are checked for any obvious materials that cannot be burned. The garbage is not sorted for recyclables or batteries, so if a person throws them out they will end up being burned too. The garbage is then dumped into a holding pit that has a 3000 ton (6 million pound) capacity. The garbage in the pit is mixed up, and a crane loads

the garbage into the incinerator. The waste is then burned at a temperature of 1800 degrees Fahrenheit as it travels along a conveyor belt. The resulting ash by-product is cooled with water, and then sent to a building designed to hold it. The heat generated by the burning garbage is used to boil water, and the steam produced drives a turbine that generates electricity (some used by the facility and the excess sold to Niagara-Mohawk). The steam is then air-cooled, condensed to water, and is recycled for use again. This process

reduces the volume of waste by 90%.

The facility has a highly advanced pollution control system, and must comply with EPA

standards for CO, CO₂, nitrous oxides, NH₄, SO₂, mercury, and dioxin. These pollutants are trapped and crystallized out, or get broken down under the intense heat. An EPA and DEC certified computer network continuously monitors the emissions to make sure they fall within standards. In addition, an independent team tests the emissions annually. Since the smokestack emissions are tightly restricted, the concentration of pollutants from the waste ends up in the ash. The ash is tested quarterly for its leachability into water. At present, it has been designated for disposal in a landfill designed for hazardous waste located in the town of Van Buren. However, the town has

been fighting this issue in order to keep the ash landfill out of their "backyards."

The incinerator is a highly automated facility that requires little manpower to run. It does require exten-

"This process reduces the volume of waste by 90%."

sive maintenance. Every day the system must be checked to make sure it is running correctly, and if there are breakdowns anywhere, they must be fixed immediately. The facility is going to perform its first test burn on November 7, and its planned opening for municipal waste is in March.

The goal of this article was to inform people about the incinerator in an objective, unbiased way, and to allow readers to start coming up with their own opinions about the issue. The Recycling Club has not yet taken a definitive side on the issue, as we are still gathering information and thinking the whole thing through. In the future we plan to keep you informed of our research and feelings as we come to terms with the topic.

Classifieds

Roommate Wanted

Starting in January 1995 (Spring semester), 3-person apartment to be shared with 2 ESFers, furnished, free laundry, quiet street off of Wescott St., close to Thornden Park, \$210/month plus utilities. Call Walter at 425-5402 after 6 pm M-F.



Trash continues to plague America's urban centers

Scholarships and Grants



16th Annual Lighthouse Career Incentive Awards

The \$5,000 awards are designed to help blind and visually impaired students to achieve their career goals. Applicants must be legally blind. Awards are based on scholastic and other achievements. There are categories for undergraduate students, adult undergraduates, graduate students, and for those studying to make a career change.

Deadline for application is Jan. 31, 1995

Stop by the Financial Aid Office in Bray Hall to get application materials.

Shade Tree Research and Educational Grants

The Arboriculture Research Trust is awarding grants to encourage scientific and educational research on shade and landscape trees. Horticulturists, plant pathologists, plant physiologists, entomologists, soil scientists and others are invited to submit brief outlines of proposed studies for grants to help buy supplies or equipment, hire technical or student help, or otherwise aid research.

Deadline is Nov. 1

For details write or call:

Dr. Bruce R. Roberts

Dept. of Botany and Microbiology

Ohio Wesleyan University

Delaware, OH 43015

telephone: 614-368-3508

Federated Garden Clubs of New York State, Inc.

Annual Scholarships for Juniors, Seniors, and Graduate Students for the 1995/96 academic year.

National Council of State Garden Clubs, Inc. offers twenty-nine annual scholarships. Each award is for \$3,500 for the full academic year. Eligible students must be majoring in horticulture, floriculture, landscape design, botany, forestry, conservation, agronomy, plant pathology, environmental concerns, city planning and/or related subjects.

Eugene P. Link Scholarship Fund

Created by the United University Professions (UUP) in 1985. This scholarship awards at least \$615 per semester. It is awarded to students who demonstrate integrity, a dedication to the goals of the trade and labor union movement, and a quest for academic and personal excellence and community service. The eligible student must be an undergraduate student registered full-time. For application information stop by Financial Aid in Bray Hall, or write to:

The Eugene P. Link College Scholarship Trust Fund

c/o United University Professions
159 Wolf Rd.

Albany, NY 12205-1177

Tylenol Scholarship Fund for 1995/96

An Award For Undergraduates
Ten \$10,000 Awards
Five Hundred \$1,000 Awards

To obtain an application go to:
The Office of Student Assistance
306 Steele Hall (on the SU campus)

Deadline:
postmarked on or before Nov. 15, 1994

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MALLORY
AT 424- 6789.

It's Time to pick-up your yearbooks

The Empire Forester
22 Bray Hall

Office Hours beginning Oct. 25:

1:00 - 3:00 pm, Tuesday
noon - 2:00 pm, Wednesday
noon - 2:00 pm, Friday

Hours will continue in
subsequent weeks

USA Presents a: Halloween Extravaganza

Pumpkin and Gourd Sale
Tues. 10/25 through Thurs.

10/27

Moon Patio

10:00am-4:00pm daily

State Fair Grounds
Haunted House
Free Transportation

(bring \$5 for admission to the Haunted House)

Bus Leaves from Moon Park-
ing Lot at 6:30pm

Halloween Movie Night
October 28

9:30pm

Marshall Auditorium

CAMPUS PUBLIC SAFETY OFFICER EXAM

Will you have at least sixty college credits by June 30, 1995? Are you willing to spend ten dollars and about three hours of your time on a Civil Service Exam? Are you interested in a starting salary of \$25,374?

New York State is offering a Civil Service Exam for the Campus Public Safety Officer II position. This is the entry level position for your Public Safety Department. The exam will be given on December 10, 1994. Your application must be postmarked by November 7, 1994.

The SUNY-ESF Public Safety Department is offering a question and answer session. There will be a short video on the Public Safety Officer position. The video will be followed by a short presentation. A question and answer session will then take place.

If you have an interest in learning more about the test and the career options available in the Public Safety Department please take some time and join us. The question and answer session will take place in Nifkin Lounge on Thursday, November 3, 1994. We hope to see you there!

A special thank you to Julie Rawls for presenting the first 4 Habits of the *Seven Habits of Highly Effective People*. Thanks for providing the women/men at ESF with some needed leadership skills, *we appreciate your dedication.*

ESF Computing News

Welcome to the computing services of ESF for the fall '94 semester. Maybe a little late, but here's a rundown of the changes/improvements to the ESF computer systems that students should be aware of.

Academic computing, directed by C.N. Lee, has been busy over the summer changing the public clusters in Baker for improved services. On the PC side, a new server and network operating system has been installed. Twenty-four new Pentium 60 MHz processors have replaced the old IBM computers in room 324 and 8 of the 15 in room 323. Also, the former DOS text menu for selection of an application has been replaced by the Windows Icon environment. On the Macintosh side, 7 of the aging SE 30's in room 323A have been replaced with 6 Quadra 650's and 3 LC II's.

The public clusters (Baker 323, 324, and 14 Moon) provide double duty as scheduled classrooms. The schedules showing the reserved times for classroom use in the Baker clusters are posted on the corridor wall outside 323 Baker. All times not listed are free on a first come first served basis. The policy for reserving time is to provide at least a 3-day notice for user planning purposes.

Sufficient funds have been provided to hire 3 temporary student assistants over the academic year in addition to four work study students. This staffing permits keeping the Baker clusters open from 8:00 AM to 10:00 PM Monday through Thursday, from 8:00 AM to 5:00 PM on Friday, and from 10:00 AM to 11:00 PM on Saturday and Sunday.

Source: ESF Computing Newsletter Fall 94'

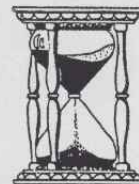
Open Mike at the next Undergraduate TGIF

Do you have a talent that you can display in public? If so, bring yourself and your talent (music, poetry reading, comedy, etc) to the next TGIF.

**Deadline for Sign-up is
Nov. 4**

**Call Trevor Chambers @ 426-0206
for details**

In The Near future...



Upcoming Events October 26 - November 2

Wednesday

Last Day to Drop Courses

Recycling Club Meeting - 5:00 pm, every Wednesday, 241 Illick Hall

1994 Women's Leadership Series - 5:15 pm till 6:45 pm, Oct. 26, Nifkin Lounge. Habits #5-7 will be covered.

SEAC Meeting - 6:00 pm, every Wednesday, Moon Conference Room

Knothole Meeting - 6:30 pm, every Wednesday, 22 Bray Hall

Thursday

NAEP Open Discussion with Alumni Panel - 6:00 pm, Oct. 27, 11 Illick Hall

Wildlife Society Meeting - 5:30 pm, every Thursday, 319 Marshall Hall

SAF (Society of American Foresters) Meeting - 7:00 pm, every Thursday, 212 Marshall Hall

Dave Rearden, DEC Forester speaks

Friday

State Fair Grounds Haunted House - 6:30 pm, Oct. 28, Bus transportation provided

Halloween Movie Night - 9:30 pm, Oct. 28, Marshall Auditorium

Saturday

Admissions Open House - Oct. 29, ESF campus

October "Arts" ravananza - Oct. 29, Everson Museum of Art, call 474-6064 for more info

Eerie Halloween - Oct. 29, Erie Canal Museum, call 471-0593 for more info

Sunday

Centers for Nature Education, "An Unusual Walk" - 2:00 pm, Oct. 30, call 673-1350 for more info

Monday

USA (Undergraduate Student Association) Meeting - 5:30 pm, every Monday, Moon Conference Room

Tuesday

"Public Participation in NYS: Legislative Perspective" by Richard Morse - 1:00 - 2:20 pm,
Nov. 1, 212 Marshall Hall

Next Wednesday

Migrating from SUVM to SUnix - noon, Nov. 2, Moon Conference Room

Recycling Club Meeting - 5:00 pm, every Wednesday, 241 Illick Hall

GSA Meeting - 5:30 pm, every other Wednesday, 324 Bray Hall

SEAC Meeting - 6:00 pm, every Wednesday, Moon Conference Room

Knothole Meeting - 6:30 pm, every Wednesday, 22 Bray Hall